

Movable floors and bulkheads





WELCOME TO VARIOPOOL

Welcome to Variopool! We are market leaders in movable swimming pool floors and bulkheads. For almost half a century now, quality, safety and sustainability have taken centre stage in all of our activities. We owe our dynamic growth to a continuous focus on innovation and high product standards, which set us apart from our competitors and allow us to provide you with custom solutions that suit your needs.

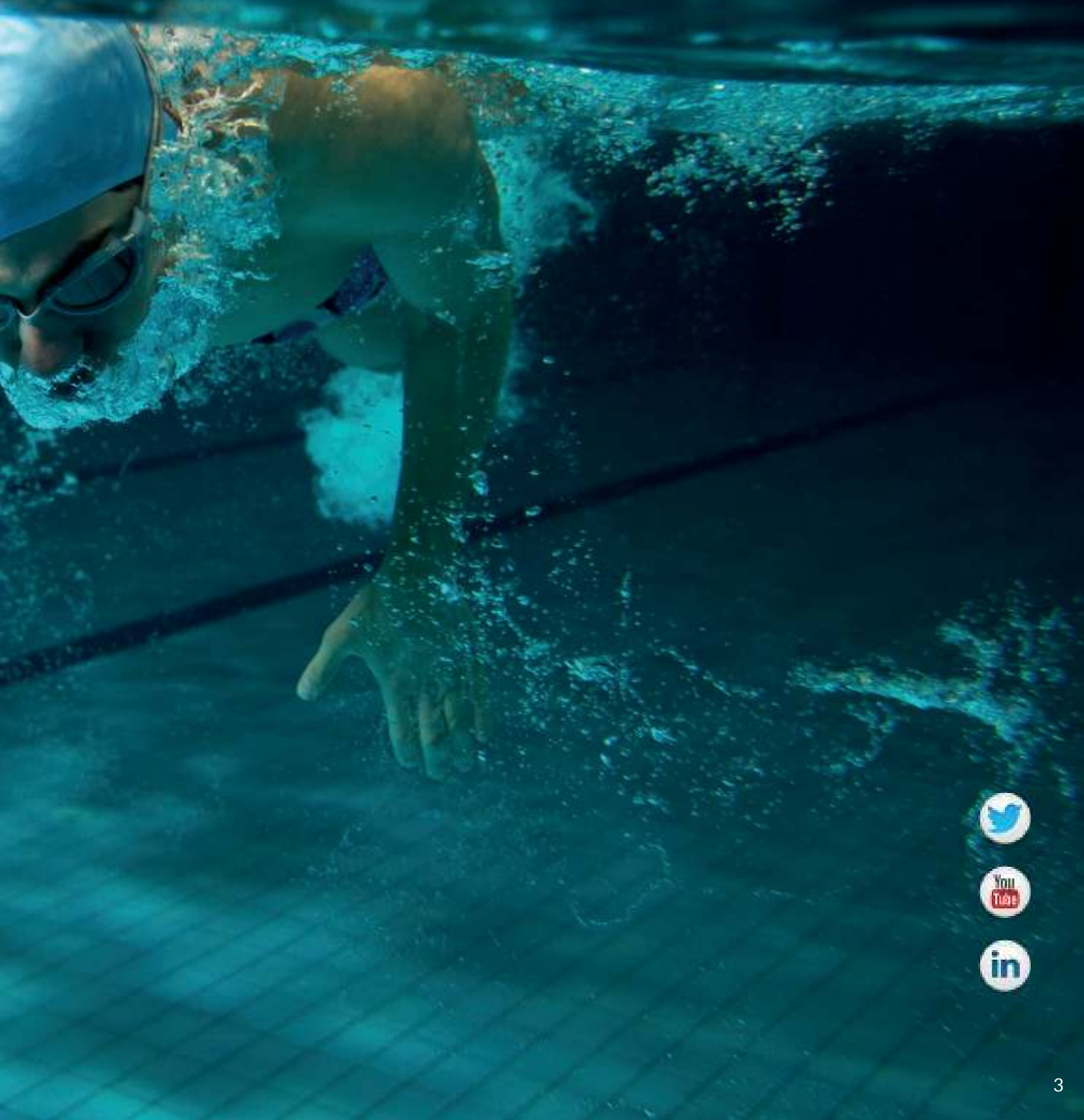
The Variopool movable floors and bulkheads help you get the most out of your pool by configuring it for various target groups. A movable floor allows you to adjust the depth of your pool, so that in one single day, it can be used by different user groups. The system is simple and user-friendly. Adjusting the pool depth to your needs takes only a few minutes. But there's more! You can even change the water surface into a multifunctional floor, allowing it to be used for several purposes at the same time.

The Variopool movable floors and bulkheads have been installed at several national and international swimming pool complexes. Our projects range from leisure pools to professional Olympic sports facilities. Moreover, we specialise in hydrotherapy pools and we supply lifts for people with disabilities. Tell us what you're looking for and we will help you find the best solution for you and your target groups. We will then design a pool to your specifications, deliver, install and maintain it. We even have an in-house servicing and breakdown service that is always available and ready to help.

At Variopool we want to go the extra mile and keep moving forward with our clients. Just like professional athletes, we set the bar higher time and time again. Because after all, a satisfied client is a like a gold medal!

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TARGET AUDIENCES

The Variopool movable floors and bulkheads allow you to offer several activities in one and the same pool, attracting a wide variety of target audiences. An example? In the morning you can set the pool depth at 2 metres for lap swimming and in the afternoon you can set it at 1.40 metres for aqua zumba lessons. The result? More visitors, a higher level of customer satisfaction and better operating results.

A Variopool system allows you to increase or decrease the pool depth and/or size as you please, at any time of day. The system is fully automatic and user friendly. A few minutes and you're ready to go!

This system does not require any physical effort, it is user-friendly and allows you to adjust the pool depth in just a few minutes.

A Variopool system offers several advantages:

- Various target groups can use the pool simultaneously.
- A quick response to new trends.
- A smaller water surface is required.
- The pool enjoys a longer lifecycle.
- Lower energy bills.
- The pool floor can be programmed flexibly.

Variopool was the very first company to launch movable pool floors and bulkheads, which allows us to offer practical and cost-effective solutions. We help our clients move forward and find the best solutions to get the most out of their pools.



GET THE MOST OUT OF YOUR POOL



FOR ANY POOL



VARIOUS APPLICATIONS

PUBLIC POOLS

Swimming is so much more than just taking laps. Water lovers of all ages head to the pool looking to practice their favourite activities, which require different pool depths.

Movable floors offer pool operators plenty of opportunities, particularly given the governments' cost-cutting measures. Needless to say, the Variopool movable floors and bulkheads are a financially attractive option. Variopool offers custom solutions that meet the needs of all current and/or future target groups. This customisation increases the number of satisfied clients and boosts the pool's market position.

THERAPY POOLS

The efficiency of hydrotherapy is widely recognised by medical professionals, and at Variopool too, we are familiar with this popular form of aqua therapy. The use of movable pool floors and bulkheads is a must to guarantee the best results, as they allow the various target groups to make optimal use of the therapy pool facilities, and they ensure the water temperature can be efficiently regulated. A few examples of target groups? Soldiers, injured athletes and rheumatism patients.

Variopool offers you a total package, from A to Z. The movable floor can be equipped with movable stairs, a lift for people with disabilities or a ramp to allow rehabilitation patients to access the pool unaided. Walkways and underwater treadmills can also be installed to speed up the rehabilitation process.

PRIVATE POOLS

We use the knowledge and experience we have gathered in the past half a century to build and/or equip private pools. Thanks to our movable pool floors, private pools can be used for a wide range of activities. The pool floor can even be raised to ground level so that you can make space for an outdoor party. Once all the guests have left, you can simply lower the floor to a safe depth to allow your children play in the pool, or you can lower it all the way and take a few laps yourself.



MOVABLE POOL FLOORS

We can create movable floors in virtually any size, making them suitable for a wide range of applications. Even if your pool design does not include a bulkhead, we can come up with a suitable solution. Our hinged bulkheads can also be used to create separate areas with differing water depths.

The Variopool movable pool floors are designed based on a floating concept. The system consists of stainless steel and/or plastic parts and can be configured at the required depth using cables, which are fully equipped to withstand long-term submersion in pool water and can handle a heavy load. Our installers work exclusively with high-quality materials so as to ensure that the system has a lifecycle of over 20 years.

The Variopool movable pool floors meet the highest quality standards, also in terms of hygiene. Grids on the pool floor surface guarantee continuous water circulation. The motor of the system is located outside the pool, making it impossible for hydraulic oil to pollute the water. Moreover, the pool floor is equipped with hatches that provide access to divers and cleaning robots for maintenance and cleaning.

The Variopool systems, down to the smallest details, meet the WHVBZ (the Dutch Pool And Swimming Facilities Hygiene And Safety Act) standards and the European EN 13451-11 standard. Moreover, our products have been successfully tested by Lloyd's, a world-leading testing company.

Our movable pool floors are available in three versions:

- Stainless steel base frame covered with polypropylene panels
- Stainless steel base frame covered with polyester panels
- Fully self-supporting polyester construction with interconnected polyester panels.





OPTIMAL USE OF THE POOL



BULKHEADS

Bulkheads allow you to make the best possible use of your pool, because it can host several activities at the same time. What's more, bulkheads can have various functions in the pool – holding anything from starter blocks and railings to timing equipment and handgrips. We offer three types of bulkheads, each with their own features and advantages:

VERTICAL BULKHEADS

A vertical bulkhead allows you to divide the pool in half from one fixed location. The touch screen makes it easy for the operator to use the system. The entire bulkhead can be submerged into a sunken recess in the pool floor, making it invisible. Our vertical bulkheads are available in two- and three-piece versions, increasing the number of possible configurations. The bulkheads are powered by a hydraulic system comparable to the ones we use for movable pool floors.

HORIZONTAL OR TRANSVERSABLE BULKHEADS

Horizontal or transversable bulkheads can divide a pool in virtually any position. The bulkhead can easily be moved manually by two persons pushing it through the water or automatically using a set of Boom Mover Buggies.

HINGED BULKHEADS

Hinged bulkheads are installed in one fixed location on the pool floor. When not in use, they can simply rest on the pool bottom horizontally. If the pool is still under construction, the bulkheads can be integrated into a custom cavity. A hinged bulkhead can also be used as a walkway for pool attendants using a removable walking deck and railings.



A FULLY-FLEDGED SERVICE

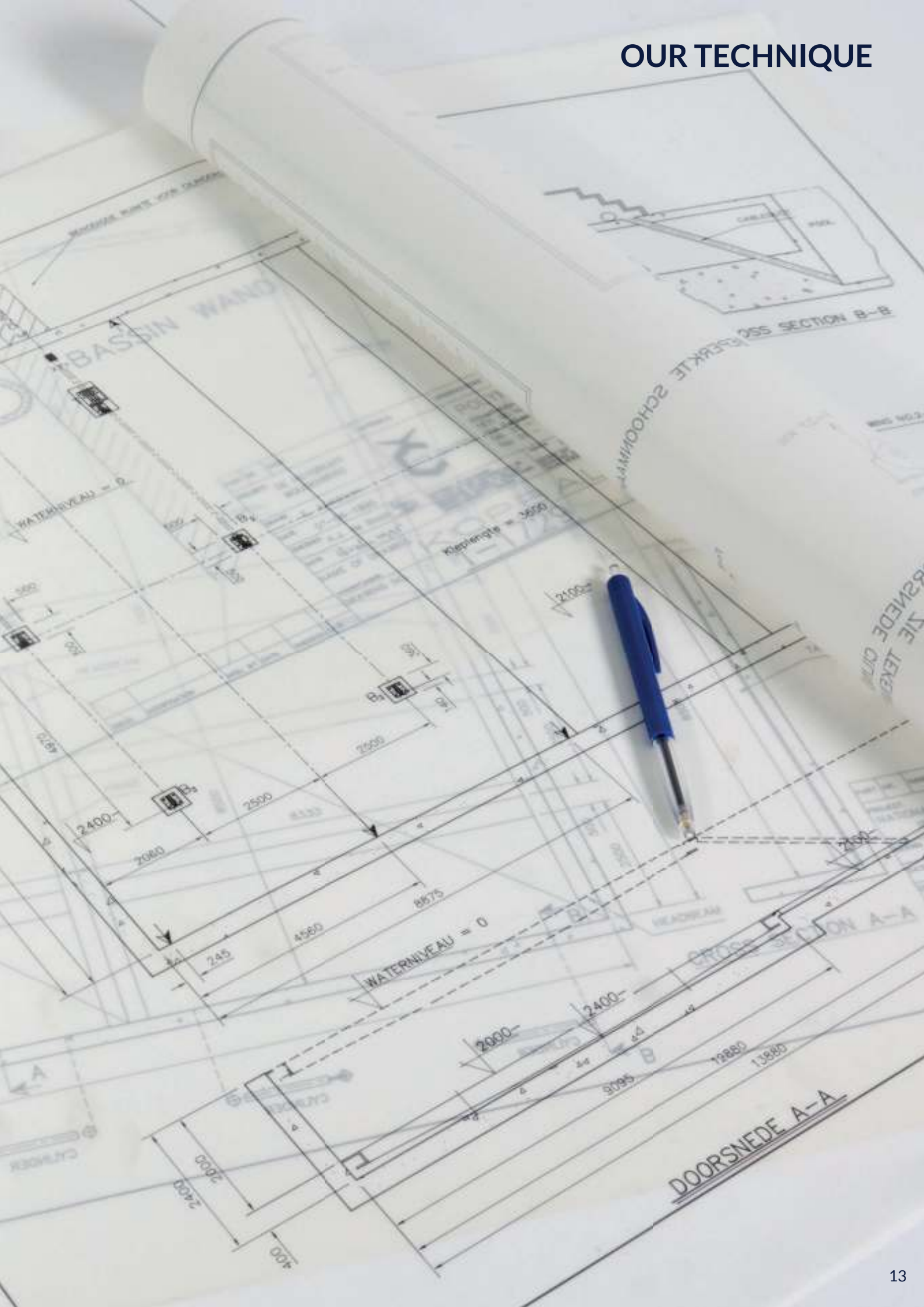
At Variopool, we take charge of the entire process, from A to Z. First of all, if you would like to find out more about a Variopool product, our Product Management team will guide you through our extensive product offer. Keeping in mind the wishes of different target groups, we get to work to meet all parties' demands.

Once we have found the product that best suits your needs and you have decided which options to have installed, we create custom blueprints which include all elements. We then check whether the design matches the construction site specifications and if not, we sit around the table with you to discuss solutions or alternative options.

Variopool also assists you in the construction and installation of its products. One of our Project Managers periodically visits the construction site and carefully coordinates the entire project. Should you have any queries or issues during the construction phase or once the project has been finalised, the Project Manager is your go-to contact.

Once the project has been completed, you can continue to count on Variopool for pool maintenance. We can periodically come and check whether all products are still working properly and whether there are any issues. Should we notice that the quality of certain parts is no longer up to par, we will immediately replace them.

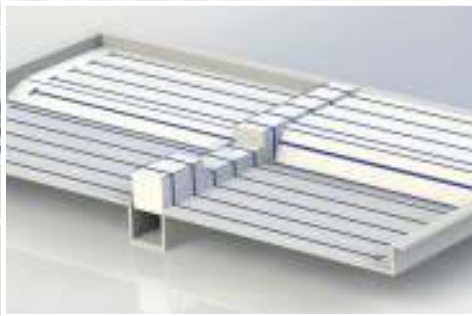




IN CLOSE UP



MULTIFUNCTIONAL POOL IN GHENT, BELGIUM



In late 2011, the Rozebroeken in Ghent (Belgium) opened its doors. The complex includes an Olympic-size pool (50 m by 25 m) with ten 50-m lanes and a depth of up to 2 metres. Variopool joined forces with the client to ensure the pool can be used by different target groups for a wide range of activities. Competitive swimming can make place for recreational swimming thanks to two movable floors and a three-piece vertical, movable bulkhead installed by Variopool. The depth of the two floors can easily be adapted separately and in combination with the vertical bulkhead the pool can enjoy various configurations. An example? The middle part of the bulkhead can be submerged 1.30 metres under the water surface, creating a central lane for 50-m laps.

Thanks to its many possible configurations, this pool in Ghent is a swimmers' paradise, attracting many different target groups. The pool's 'optimal' set-up consists of three 50-m lanes, seven 25-m lanes and seven 22-m lanes. Another option is for the shorter lanes to be used for children's swimming lessons or as a play area, and for the other side of the pool to host aqua jogging lessons. This configuration calls for the use of both movable floors.

This project in Ghent proved a major success, prompting the design of a similar complex in Bruges. Construction is currently underway. The result will be a typical pool complex using the many Variopool options. The versatility in terms of pool depth and length will ensure this multifunctional pool can be used by a wide range of target groups. Success guaranteed!

RELIABLE PARTNER

The Variopool movable pool floors and bulkheads have a proven lifecycle of over twenty years, not only thanks to their quality but also thanks to the excellent service and maintenance we offer upon completion of the project. In order to guarantee the safety and reliability of our products, we periodically check all parts of the system thoroughly. If necessary, we immediately replace the worn parts during our maintenance rounds. A regular maintenance service takes about half a day per floor. Once we are done, the pool complex can simply open its doors again.

Should any problems or disruptions occur between two maintenance appointments – which, needless to say, we try to prevent as much as possible – you can always contact our Service and Maintenance department. Our qualified staff is available 24/7 and will gladly answer all your questions. Moreover, we offer remote monitoring services from our head office, which allow us to pinpoint where the problems lie in the system. After each inspection or service, Variopool also issues a clear and transparent report giving you an insight, showing you where you stand and what you can expect.

Choose Variopool for your service and maintenance to enjoy countless advantages. There is no need to empty the pool for periodic inspections, maintenance or repairs. We work with certified divers who can reach the hatches under the movable floor, allowing you to re-open the pool to visitors immediately after our service round. In a nutshell, no additional costs for emptying, refilling and reheating the pool!



IGH

↑
SERVICE
LEVEL

INNOVATIVE ACCESSOIRES



EXCEED EXPECTATIONS

Our Research & Development department is continuously developing new applications and improving our existing product range. User-friendliness and optimal use of the water surface take centre stage.

MOVABLE DISABLED ACCESS PLATFORM

A movable access platform is a comfortable tool that allows people with disabilities to enter the pool unassisted. It is height-adjustable and easy to operate, and it can be supplied with removable handrails and polycarbonate safety plates.

POOL STAIRS

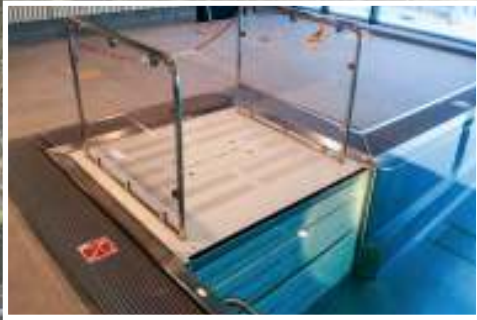
For many target groups, stairs are an important way to access the pool. Our hinged RVS pool stairs can easily be combined with a movable pool floor. However, we can also provide integrated pool stairs.

TOUCH SCREEN + PLC TECHNOLOGY

A watertight control panel equipped with the latest PLC technology is one of the standard options upon installation of a movable pool floor. The panel is easy to use and safe in wet environments thanks to its IP 3X certification.

WATER-DEPTH DISPLAY

Our LED displays with aluminium casing have a 120-degree viewing range. The displays are interference-resistant and they are equipped with automatic activation and deactivation. Once the pool is closed, the display switches off automatically, increasing its lifecycle



CENTRE OF EXPERTISE

Variopool has forged partnerships with many leading players in the swimming pool sector, making the company an interesting partner. Through our extensive partner network, our clients benefit from a wide range of products exclusively pre-selected by our team. Needless to say, these products meet our stringent service and quality levels.

WATERSLIDES

Looking for polyester water slides, possibly with a landing pool? Variopool is the place to be! All plastic and polyester products are covered with UV coating and are available in various RAL colours. The slides come in different diameters, lengths and heights, and they can be equipped with light and sound effects, making them attractive to various target groups. Last but not least, all components are manufactured in compliance with the highest quality standards.

VARIOPLAY

Moreover, Varioplay offers many types of water play tables. This equipment allows young children to use regulators to operate and guide water streams, familiarising them with water from a tender age. All materials used are child-friendly and safe. These play tables can be installed in any pool up to 30 to 40 cm deep.



VARIO DECK
COVERING YOUR ENERGY

VARIO PLAY
ADDING FUN TO YOUR POOL

VARIO POOL
THE REAL DEPTH INVESTMENT

**HOLLAND
AQUASIGHT**
HIGH END PRIVATE POOLS



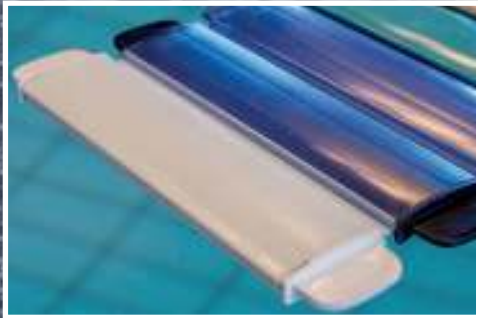
VARIODECK



COVERING YOUR ENERGY



Variodeck, a subsidiary of Variopool, supplies and installs a wide range of pool covers in different sizes. These pool covers are a great addition to the Variopool product catalogue and allow us to offer you a total package. An example: you can have a movable floor on night mode and the rest of the pool covered with a Variodeck system.



The Variodeck pool covers offer countless advantages. Their effective insulation layer cuts energy costs by almost 70% - good for the environment and for your wallet too, as your operating costs will be considerably lower. After all, not only outdoor pools have a high degree of heat loss, for indoor pools too this is a major expense. Variodeck covers ensure that evaporation is reduced to a minimum. Moreover, they keep the water clean for longer and create a safe environment for children.



Variodeck offers a wide range of options in terms of shapes, sizes and integration methods. We can even replace the foam or rolling slats on existing systems. Moreover, our covers are available in various colours or in a solar version. The system is easy to operate: the cover silently rolls across the pool at the touch of a button. This quick and easy-to-operate system consist of floating foam/slats that roll over the stainless steel axis powered by a roller motor.



VARIOPOOL PARTNERS

PARTNERS

At Variopool, we have developed an international partner network through collaboration with various international partners, allowing us to tap into a vast knowledge pool. The federations are important networking partners for Variopool.

KNZB (the Royal Dutch Swimming Federation)

Variopool sponsors the Dutch diving team, among others, and KNZB can count on our support as technical supplier. We help devise new concepts for swimming facilities, with efficient use of space and water surface taking centre stage.

FINA (International Swimming Federation)

FINA is an official Variopool partner. Together with Myrtha Pools, Variopool offers the International Swimming Federation a total package, building pools all over the world, including the Olympic pool in London (2012) and the pool for the world championships in Kazan (2015).

LEN (European Swimming League)

The core task of this non-profit organisation is to promote swimming in the broadest sense of the word by organising championships for various sports, namely swimming, diving, synchronised swimming and water polo. LEN has 51 national swimming federations among its members, including KNZB.

IAKS (International Association for Sports and Leisure Facilities)

This international non-profit organisation is recognised by the International Olympic Committee and has about 1,000 members in 110 countries worldwide. IAKS brings together architects, sports federations and clients.



EXCEED EXPECTATIONS



PROJECTS

In the past fifty years, Variopool has built up an impressive portfolio of over 700 installations, most of which are still in use. Needless to say, we are very proud of this achievement. Variopool creates pools not only for leisure purposes, but also for world-class events, such as world championships. This page features a random selection of our completed projects. Get ready to be amazed!



London Aquatic Centre, London:
Movable floor, horizontal and vertical bulkhead



Royal Commonwealth Pools, Edinburgh:
Movable floor and bulkhead



Aquatic Centre, Aberdeen:
Movable floor



Sun Lane Leisure One City Pool, Wakefield:
Movable floor and integrated chairs



Stadium Park Aquatics, Sunderland:
Movable floor and bulkhead



University College, Dublin:
Movable floor and bulkhead



Chelsea FC Training Grounds, Chelsea:
Movable floor



Darwen Leisure Centre:
Movable floor, bulkhead and integrated stairs



Tollcross Park Leisure Centre, Glasgow:
Movable floor and Horizontal bulkhead



Southend Diving & Leisure Centre:
Movable floor



The life centre, Plymouth:
Movable floor, vertical bulkhead and disabled platform



Leisure & Community Heart, Redcar:
Movable floor and vertical bulkhead



Warrington, England:
Movable floor and integrated stairs



St. Georges, England:
Movable floor

VARIO  **POOL**
THE REAL DEPTH INVESTMENT

